

Title (en)

INTEGRAL MULTILAYER ANALYTICAL ELEMENT FOR ASSAYING SULFATE-CONJUGATED BILE ACID

Title (de)

INTEGRALES VIELSCHICHTIGES ANALYTISCHES ELEMENT ZUR BESTIMMUNG VON SULFATKONJUGIERTER GALLENÄSÄURE

Title (fr)

ELEMENT ANALYTIQUE MONOBLOC MULTICOUCHE POUR LE TITRAGE DE L'ACIDE BILIAIRE A CONJUGAISON SULFATE

Publication

**EP 0781852 A1 19970702 (EN)**

Application

**EP 95930738 A 19950912**

Priority

- JP 9501808 W 19950912
- JP 21866294 A 19940913
- JP 23111194 A 19940927

Abstract (en)

An integral multi-layer analytical element for analyzing bile acid sulfate comprising a support member, a reagent layer on said support member and a porous developing layer on said reagent layer, at least one of the reagent layer and developing layer containing bile acid sulfate sulfatase, 3 beta - hydroxysteroid dehydrogenase and a combination of thio-NAD<+> and reduced NAD or reduced NADP, in which the reagent layer contains a water-soluble polymer, a buffer and at least one component selected from the group consisting of sugar alcohols and Mn<2+>, which element suppresses the increase of blank values and prevents agglomeration of the enzyme during the preparation of a solution for forming the reagent layer. <IMAGE>

IPC 1-7

**C12Q 1/44**; **C12Q 1/32**; **C12Q 1/00**

IPC 8 full level

**C12Q 1/00** (2006.01); **C12Q 1/32** (2006.01); **C12Q 1/34** (2006.01); **C12Q 1/44** (2006.01); **G01N 33/52** (2006.01)

CPC (source: EP US)

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